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RAW SEQUENCE LISTING DATE: 12/07/2001
PATENT APPLICATION: US/09/905,088 TIME: 17:36:08

Input Set : N:\Crf3\RULE60\09905088.txt
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<110> APPLICANT: Genentech, Inc.
Ashkenazi, Avi
Botstein, David
Desnoyers, Luc
Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, A.
Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
Pan, James
Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, William, I.
<120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
<130> FILE REFERENCE: 10466-14
<140> CURRENT APPLICATION NUMBER: 09/905,088
<141> CURRENT FILING DATE: 2001-07-12
<150> PRIOR APPLICATION NUMBER: 09/665,350
<151> PRIOR FILING DATE: 2000-09-18
<150> PRIOR APPLICATION NUMBER: PCT/US00/04414
<151> PRIOR FILING DATE: 2000-02-22
<150> PRIOR APPLICATION NUMBER: US 60/143,048
<151> PRIOR FILING DATE: 1999-07-07
<150> PRIOR APPLICATION NUMBER: US 60/145,698
<151> PRIOR FILING DATE: 1999-07-26
<150> PRIOR APPLICATION NUMBER: US 60/146,222
<151> PRIOR FILING DATE: 1999-07-28
<150> PRIOR APPLICATION NUMBER: PCT/US99/20594
<151> PRIOR FILING DATE: 1999-09-08
<150> PRIOR APPLICATION NUMBER: PCT/US99/20944
<151> PRIOR FILING DATE: 1999-09-13
<150> PRIOR APPLICATION NUMBER: PCT/US99/21090
<151> PRIOR FILING DATE: 1999-09-15
<150> PRIOR APPLICATION NUMBER: PCT/US99/21547

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104 tggagctccg gctgcgtctt cccgcagcgc tacccgccat gcgcctgccg 150
106 cgccgggccg cgctggggct cctgccgctt ctgctgctgc tgccgcccgc 200
108 gccggaggcc gccaagaagc cgacgccctg ccaccggtgc cgggggctgg 250
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116 tcgaatgcaa tcagatgcta gaggcgcagg aggagcacct ggaggcctgg 450
118 tggctgcagc tgaagagcga atatcctgac ttattcgagt ggttttgtgt 500
120 gaagacactg aaagtgtgct gctctccagg aacctacggt cccgactgtc 550
122 tcgcatgcca gggcggatcc cagaggccct gcagcgggaa tggccactgc 600
124 agcggagatg ggagcagaca gggcgacggg tcctgccggt gccacatggg 650
126 gtaccagggc ccgctgtgca ctgactgcat ggacggctac ttcagctcgc 700
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130 acgtgctcgg gcctgaccaa cagagactgc ggcgagtgtg aagtgggctg 800
132 ggtgctggac gagggcgcct gtgtggatgt ggacgagtgt gcggccgagc 850
134 cgcctccctg cagcgctgcg cagttctgta agaacgccaa cggctcctac 900
136 acgtgcgaag agtgtgactc cagctgtgtg ggctgcacag gggaaggccc 950
138 aggaaactgt aaagagtgta tctctggcta cgcgagggag cacggacagt 1000
140 gtgcagatgt ggacgagtgc tcactagcag aaaaaacctg tgtgaggaaa 1050
142 aacgaaaact gctacaatac tccagggagc tacgtctgtg tgtgtcctga 1100
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PATENT APPLICATION: US/09/905,088 TIME: 17:36:08

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154  gcctgctctc taacggttga ttctcatttg tcccttaaac agctgcattt 1350
156  cttggttgtt cttaaacaga cttgtatatt ttgatacagt tctttgtaat 1400
158  aaaattgacc attgtaggta atcaggagga aaaaaaaaaa aaaaaaaaaa 1450
160  aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
162  gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca 1550
164  tcacaaattt cacaaataaa gcatttttt cactgcattc tagttgtggt 1600
166  ttgtccaaac tcatcaatgt atcttatcat gtctggatcg ggaattaatt 1650
168  cggcgcagca ccatggcctg aaataacctc tgaaagagga acttggttag 1700
170  gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg tcagttaggg 1750
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174  ctcaattagt cagcaaccca gtttt 1825
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186                   20                  25                  30
188  Cys His Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met
189                   35                  40                  45
191  Val Asp Thr Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp
192                   50                  55                  60
194  Glu Glu Lys Thr Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu
195                   65                  70                  75
197  Leu Glu Ile Leu Glu Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys
198                   80                  85                  90
200  Asn Gln Met Leu Glu Ala Gln Glu Glu His Leu Glu Ala Trp Trp
201                   95                 100                 105
203  Leu Gln Leu Lys Ser Glu Tyr Pro Asp Leu Phe Glu Trp Phe Cys
204                  110                 115                 120
206  Val Lys Thr Leu Lys Val Cys Cys Ser Pro Gly Thr Tyr Gly Pro
207                  125                 130                 135
209  Asp Cys Leu Ala Cys Gln Gly Gly Ser Gln Arg Pro Cys Ser Gly
210                  140                 145                 150
212  Asn Gly His Cys Ser Gly Asp Gly Ser Arg Gln Gly Asp Gly Ser
213                  155                 160                 165
215  Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu Cys Thr Asp Cys
216                  170                 175                 180
219  Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr His Ser Ile
220                  185                 190                 195
222  Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly Leu Thr
223                  200                 205                 210
225  Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp Glu
226                  215                 220                 225
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RAW SEQUENCE LISTING DATE: 12/07/2001
PATENT APPLICATION: US/09/905,088 TIME: 17:36:08

Input Set : N:\Crf3\RULE60\09905088.txt
Output Set: N:\CRF3\12072001\I905088.raw

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234  Cys Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly
235                 260                 265                 270
237  Pro Gly Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His
238                 275                 280                 285
240  Gly Gln Cys Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr
241                 290                 295                 300
243  Cys Val Arg Lys Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr
244                 305                 310                 315
246  Val Cys Val Cys Pro Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys
247                 320                 325                 330
249  Val Pro Pro Ala Glu Ala Glu Ala Thr Glu Gly Glu Ser Pro Thr
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263  tagagatccc tcgacctcga cccacgcgtc cgccaggccg ggaggcgacg 100
265  cgcccagccg tctaaacggg aacagccctg gctgagggag ctgcagcgca 150
267  gcagagtatc tgacggcgcc aggttgcgta ggtgcggcac gaggagtttt 200
269  cccggcagcg aggaggtcct gagcagcatg gcccggagga gcgccttccc 250
271  tgccgccgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
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275  gctcaccagg caagagtact cataggattt gaagaagata tcctgattgt 400
277  ttcagagggg aaaatggcac cttttacaca tgatttcaga aaagcgcaac 450
279  agagaatgcc agctattcct gtcaatatcc attccatgaa ttttacctgg 500
281  caagctgcag ggcaggcaga atacttctat gaattcctgt ccttgcgctc 550
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286  gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt 650
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294  tgtaatgaaa gacgcatctg cgagtgtcct gatgggttcc acggacctca 850
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Input Set : N:\Crf3\RULE60\09905088.txt
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320 cattacactt aagaatactg gcctgaattt tattagcttc attataaatc 1500
322 actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag 1550
324 catgatggta tagattttct tgtttcagtg ctttgggaca gattttatat 1600
326 tatgtcaatt gatcaggtta aaattttcag tgtgtagttg gcagatattt 1650
328 tcaaaattac aatgcattta tggtgtctgg gggcagggga acatcagaaa 1700
330 ggttaaattg ggcaaaaatg cgtaagtcac aagaatttgg atggtgcagt 1750
332 taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
334 ttgttacatt tttaaaaatt gctcttaatt tttaaactct caatacaata 1850
336 tattttgacc ttaccattat tccagagatt cagtattaaa aaaaaaaaaa 1900
338 ttacactgtg gtagtggcat ttaaacaata taatatattc taaacacaat 1950
340 gaaataggga atataatgta tgaacttttt gcattggctt gaagcaatat 2000
342 aatatattgt aaacaaaaca cagctcttac ctaataaaca ttttatactg 2050
344 tttgtatgta taaaataaag gtgctgcttt agtttttgg aaaaaaaaaa 2100
346 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggccgc gactctagag 2150
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365 Pro Gln Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala
366 35 40 45
368 Arg Val Leu Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu
369 50 55 60
371 Gly Lys Met Ala Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln
372 65 70 75
374 Arg Met Pro Ala Ile Pro Val Asn Ile His Ser Met Asn Phe Thr
375 80 85 90
377 Trp Gln Ala Ala Gly Gln Ala Glu Tyr Phe Tyr Glu Phe Leu Ser
378 95 100 105
380 Leu Arg Ser Leu Asp Lys Gly Ile Met Ala Asp Pro Thr Val Asn
381 110 115 120
383 Val Pro Leu Leu Gly Thr Val Pro His Lys Ala Ser Val Val Gln
384 125 130 135
386 Val Gly Phe Pro Cys Leu Gly Lys Gln Asp Gly Val Ala Ala Phe
387 140 145 150
389 Glu Val Asp Val Ile Val Met Asn Ser Glu Gly Asn Thr Ile Leu
390 155 160 165
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393 170 175 180
395 Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys Asn Glu Arg
396 185 190 195

VERIFICATION SUMMARY DATE: 12/07/2001
PATENT APPLICATION: US/09/905,088 TIME: 17:36:09

Input Set : N:\Crf3\RULE60\09905088.txt
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L:7130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
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